D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

SOUTH CAROLINA
Department of Health and Evnironmental Control
Summary of Slug Test Form

Site Data

UST Permit # _____ County: _____

Facility Name _____

Slug Data

See Appendix ____ Table_____ Figure_____ for a list of all data measurements.
(water level logs, etc.) (Complete as appropriate).

Water Level Recovery Data was measured by _____ .
(Hermit Data Logger, Manually with Water Level Indicator, etc.) (List Method).

Complete the following table for each well tested.

COMPLETE A SECOND SHEET IF MORE THAN FOUR WELLS ARE TESTED

Slug Test Conducted in well(s) number				
Initial Rise/Drawdown in well (feet)				
Radius of Well Casing (feet)				
Effective Radius of Well (feet)				
Static Saturated Aquifer Thickness (feet)				
Length of Well Screen (feet)				
Static Height of Water Column in Well (ft)				

Calculations

See Appendix ____ Table_____ Figure_____ for calculations. (Complete as appropriate).

The method for aquifer calculations was _____

Calculated values by well were as follows:

Slug Test Conducted in well(s) number				
Hydraulic Conductivity				

Thickness of the aquifer used to calculate hydraulic conductivity was _____ feet.
The aquifer is _____ confined _____ semi-confined _____ water table (Check as appropriate).

The estimated seepage velocity is _____ feet per year based on
a hydraulic conductivity of _____, a hydraulic gradient of _____, and
a porosity of _____ per cent for _____ soil (list type i.e., silty sand ,clay, etc).